

THE COMMISSIONER OF PATENTS AND TRADEMARKS  
WASHINGTON, D.C. 20231

Sir:

Transmitted herewith for filing is the Utility patent application of:

INVENTOR:	HIROSHI SATO, TOMONOBU TSUCHIYA, MASAHIRO AOKI, TAKESHI KITATANI AND NORITSUGU TAKAHASHI
FOR:	MANUFACTURING METHOD OF SEMICONDUCTOR LASER DIODE

Enclosed are:

- 11 sheets of  formal  informal drawings.
- Transmittal of Japanese Patent Application No. 2003-382026 to claim priority date of November 12, 2003
- An assignment of the invention to Hitachi., Ltd. and OpNext Japan, Inc..
- An Executed Declaration
- A Preliminary Amendment
- An Information Disclosure Statement
- The filing fee is calculated as shown below:

FOR	NUMBER FILED		NUMBER EXTRA	RATE	CALCULATIONS		
TOTAL CLAIMS	15		-20	0	x\$18 = 0.00		
INDEPENDENT CLAIMS	3		-3	5	x\$86 = 0.00		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+\$290 =			
				BASIC FEE	\$770.00		
				TOTAL OF ABOVE	\$770.00		
REDUCTION BY <input type="checkbox"/> FOR FILING BY SMALL ENTITY (note 37 C.F.R. § 1.9, 1.27, 1.28).							
IF APPLICABLE, VERIFIED STATEMENT MUST BE ATTACHED							
				TOTAL	\$770.00		

- A check in the amount of \$810.00 to cover the filing and assignment fees is enclosed.

- The Commissioner is hereby authorized to charge any additional fees associated with this communication, including patent application filing fees and processing fees under 37 C.F.R. § 1.16 and 1.17, or credit any overpayment to Deposit Account Number 08-1480.

Respectfully submitted,

Stanley P. Fisher  
Registration Number 24,344

Juan Carlos A. Marquez  
Registration Number 34,072

REED SMITH LLP  
3110 Fairview Park Drive  
Suite 1400  
Falls Church, Virginia 22042  
(703) 641-4200  
February 13, 2004

22387 U.S.PTO  
10/777071

021304